

## INFORMATION DISCLOSURE CITATION

Docket No.: 0953.061B

Serial No.: 10/077,496

Applicants: Wagoner *et al.*

Examiner: Healy

Filing Date: Herewith

GAU: 2874

## U.S. PATENT DOCUMENTS

| Examiner Initial |    | Document Number | Date     | Name                   | Class   | Subclass  | Filing Date If Appropriate |
|------------------|----|-----------------|----------|------------------------|---------|-----------|----------------------------|
| BWH              | AA | 4,060,308       | 11/29/77 | Barnoski <i>et al.</i> | 385 350 | 43X960    | —                          |
| BWH              | AB | 4,201,446       | 5/6/80   | Geddes <i>et al.</i>   | 385 350 | 123X96.29 | —                          |
| BWH              | AC | 4,343,532       | 8/10/82  | Palmer                 | 385 350 | 37X96.19  | —                          |
| BWH              | AD | 4,387,954       | 6/14/83  | Beasley                | 385 350 | 42 96.15  | —                          |
| BWH              | AE | 4,469,544       | 9/4/84   | Goodman                | 156     | 345       | —                          |
| BWH              | AF | 4,469,554       | 9/4/84   | Turner                 | 156     | 657       | —                          |
| BWH              | AG | 4,630,884       | 12/23/86 | Jubinski               | 385 350 | 42 96.15  | —                          |
| BWH              | AH | 4,630,890       | 12/23/86 | Ashkin <i>et al.</i>   | 385 350 | 123X96.30 | —                          |
| BWH              | AI | 4,704,151       | 11/3/87  | Keck                   | 65      | 4.1       | —                          |
| BWH              | AJ | 4,712,866       | 12/15/87 | Dyott                  | 385 350 | 123X96.30 | —                          |

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|-----|----|-----------------|---------|---------|-------------|----------------|-------------|----|
|     |    |                 |         |         |             |                | Yes         | No |
| BWH | BA | DE 4005557A1    | 8/29/91 | Germany | 385         | 1X             | ✓           |    |
| BWH | BB | DE 4343943A1    | 6/29/95 | Germany | 385         | 140X           | ✓           |    |
| BWH | BC | EP 0229456A2    | 7/22/87 | Europe  | 385         | 42X            |             | ✓  |
| BWH | BD | EP 0488266A2    | 6/3/92  | Europe  | 385         | 42X            |             | ✓  |
| BWH | BE | EP 1035680A2    | 9/13/00 | Europe  | 385         | 17X            |             | ✓  |

## Other Documents (including Author, Title, Date, etc.)

|                   |    |   |
|-------------------|----|---|
| BWH               | CA | Bergh, R. A. <i>et al.</i> , "Single-Mode Fibre Optic Directional Coupler," <i>Electron. Lett.</i> 16 (7), 260-261 (March 1980).  |
| BWH               | CB | Birks, T.A. and Li, Y.W., "The Shape of Fiber Tapers," <i>IEEE J. Lightwave Techn.</i> 10 (4), 432-438 (April 1992).  |
| BWH               | CC | Brophy, T.J. <i>et al.</i> , "Formation and Measurement of Tapers in Optical Fibers," <i>Rev. Sci. Instrum.</i> 64 (9), 2650-2654 (September 1993).   |
| BWH               | CD | Carrara, S. L. A. <i>et al.</i> , "Elasto-Optic Alignment of Birefringent Axes in Polarization-Holding Optical Fiber," <i>Opt. Lett.</i> 11 (7), 470-472 (July 1986).                             |
| BWH               | CE | Cordaro, M. H. <i>et al.</i> , "Precision Fabrication of D-Shaped Single-Mode Optical Fibers by <i>In Situ</i> Monitoring," <i>IEEE J. Lightwave Techn.</i> , 12, (9) 1524-1531 (September 1994). |
| Examiner B. Healy |    | Date Considered 2/20/04   |

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Docket No.: 0953.061B

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| Examiner Initial |    | Document Number | Date     | Name                     | Class   | Subclass | Filing Date If Appropriate |
|------------------|----|-----------------|----------|--------------------------|---------|----------|----------------------------|
| BWH              | AK | 4,753,497       | 6/28/88  | Fujii <i>et al.</i>      | 385 350 | 42X96.15 | ←                          |
| BWH              | AL | 4,773,924       | 9/27/88  | Berkey                   | 65      | 3.11     | —                          |
| BWH              | AM | 4,778,237       | 10/18/88 | Sorin <i>et al.</i>      | 385 350 | 42X96.15 | —                          |
| BWH              | AN | 4,786,130       | 11/22/88 | Georgiou <i>et al.</i>   | 385 350 | 42X96.15 | —                          |
| BWH              | AO | 5,060,307       | 10/22/91 | El-Sherif                | 359     | 173      | —                          |
| BWH              | AP | 5,078,465       | 1/7/92   | Dahlgren                 | 385     | 50       | —                          |
| BWH              | AQ | 5,091,984       | 2/25/92  | Kobayashi <i>et al.</i>  | 385     | 16       | —                          |
| BWH              | AR | 5,106,394       | 4/21/92  | Bramson                  | 51      | 309      | —                          |
| BWH              | AS | 5,108,200       | 4/28/92  | Nonaka <i>et al.</i>     | 385     | 16       | —                          |
| BWH              | AT | 5,135,555       | 8/4/92   | Coyle, Jr. <i>et al.</i> | 65      | 12       | —                          |

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|     |    | Document Number | Date     | Country       | Int'l Class | Int'l Subclass | Translation |    |
|-----|----|-----------------|----------|---------------|-------------|----------------|-------------|----|
|     |    |                 |          |               |             |                | Yes         | No |
| BWH | BF | EP 1037090A2    | 9/20/00  | Europe        | 385         | 17X            |             | ✓  |
| BWH | BG | EP 1065821A2    | 1/3/01   | Europe        | 385         | 24X            |             | ✓  |
| BWH | BH | GB 2184859A     | 7/1/97   | Great Britain | 385         | 140X           |             | ✓  |
| BWH | BI | GB 2190211A     | 11/11/87 | Great Britain | 385         | 140X           |             | ✓  |
| BWH | BJ | GB 2351625A     | 1/3/01   | Great Britain | 385         | 140X           |             | ✓  |

## Other Documents (including Author, Title, Date, etc.)

|                   |    |  |
|-------------------|----|--|
| BWH               | CF | Diez A. <i>et al.</i> , "Cylindrical Metal-Coated Optical Fibre Devices for Filters and Sensors," <i>Electron. Lett.</i> 32 (15), 1390-1392 (July 1996).         |
| BWH               | CG | Digonnet, M. J. F., <i>et al.</i> , "Measurement of the Core Proximity in Polished Substrates and Couplers," <i>Opt. Lett.</i> 10 (9), 463-465 (September 1985). |
| BWH               | CH | Fink, Donald G. and Christiansen, Donald, <i>Electronic Engineers' Handbook</i> , Third Edition, Ch. 24, 14-18 (1989).   |
| BWH               | CI | Gowar, J., <i>Optical Communication Systems</i> , Ch.3, 58-77 (2d Ed. 1993).   |
| BWH               | CJ | Hussey, C.D. and Minelly, J.D., "Optical Fibre Polishing with a Motor-Driven Polishing Wheel," <i>Electron. Lett.</i> 24, 805-807 (June 1988).                   |
| BWH               | CK | Kenny, R.P. <i>et al.</i> , "Control of Optical Fibre Taper Shape," <i>Electron. Lett.</i> 27 (18), 1654-1656 (August 1991).                                     |
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| BWA              | AU | 5,136,818       | 8/11/92  | Bramson                | 51    | 165.72   |                            |
| BWA              | AV | 5,265,178       | 11/13/93 | Braun <i>et al.</i>    | 385   | 24       |                            |
| BWA              | AW | 5,290,398       | 3/1/94   | Feldman <i>et al.</i>  | 156   | 651      |                            |
| BWA              | AX | 5,351,319       | 9/27/94  | Ginder <i>et al.</i>   | 385   | 6        |                            |
| BWA              | AY | 5,493,629       | 2/20/96  | Stange                 | 385   | 125      |                            |
| BWA              | AZ | 5,623,567       | 4/22/97  | Barberio <i>et al.</i> | 385   | 30       |                            |
| BWA              | A1 | 5,673,351       | 9/30/97  | Clarke <i>et al.</i>   | 385   | 100      |                            |
| BWA              | A2 | 5,781,675       | 7/14/98  | Tseng <i>et al.</i>    | 385   | 30       |                            |
| BWA              | A3 | 5,853,969       | 12/29/98 | Harada <i>et al.</i>   | 430   | 510      |                            |
| BWA              | A4 | 5,966,493       | 10/12/99 | Wagoner <i>et al.</i>  | 385   | 140      |                            |

## FOREIGN PATENT DOCUMENTS

|     |    | Document Number | Date     | Country | Int'l Class | Int'l Subclass | Translation |    |
|-----|----|-----------------|----------|---------|-------------|----------------|-------------|----|
|     |    |                 |          |         |             |                | Yes         | No |
| BWA | BK | JP 06-114713    | 04/26/94 | Japan   | 385         | 147X           | Abstract    |    |
| BWA | BL | JP 60-203904    | 10/15/85 | Japan   | 385         | 147X           | Abstract    |    |
| BWA | BM | WO 87/03676     | 6/18/87  | PCT     | 385         | 140X           |             | ✓  |
| BWA | BN | WO 89/01171     | 2/9/89   | PCT     | 385         | 140X           |             | ✓  |
| BWA | BO | WO 95/05617     | 2/23/95  | PCT     | 385         | 140X           |             | ✓  |

## Other Documents (including Author, Title, Date, etc.)

|                   |    |   |
|-------------------|----|---|
| BWA               | CL | Love, J.D. and Henry, W.M. "Quantifying Loss Minimisation in Single-Mode Fibre Tapers," <i>Electron. Lett.</i> 22 (17), 912-914 (August 1986).                                |
| BWA               | CM | McCallion, K. J. and Shimazu, M., "Side-Polished Fiber Provides Functionality and Transparency," <i>Optoelectronics World</i> , S19, S20, S22 and S24 (September 1998).       |
| BWA               | CN | Morozov V. <i>et al.</i> , "Fused Fiber Optic Variable Attenuator," <i>OFC 2000, 25<sup>th</sup> Annual Optical Fiber Communications Conference</i> , 22-24 (March 10, 2000). |
| BWA               | CO | Mueller-Westerhoff, U.T. <i>et al.</i> , "The Synthesis of Dithiolene Dyes with Strong Near-IR Absorption," <i>Tetrahedron</i> 47, 909-932 (1991).                            |
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|------------------|-----|-----------------|----------|--------------------------|-------|----------|----------------------------|
| BWH              | A5  | 6,011,881       | 1/4/00   | Moslehi <i>et al.</i>    | 385   | 10       |                            |
| BWH              | A6  | 5,067,788       | 11/26/91 | Jannson <i>et al.</i>    | 385   | 2        |                            |
| BWH              | A7  | 5,444,723       | 8/22/95  | Chandonnet <i>et al.</i> | 372   | 14       |                            |
| BWH              | A8  | 5,966,493       | 10/12/99 | Wagoner <i>et al.</i>    | 385   | 140      |                            |
| BWH              | A9  | 6,095,905       | 8/01/00  | Jameson                  | 451   | 41       |                            |
| BWH              | A10 | 6,191,224       | 2/20/01  | Chan <i>et al.</i>       | 525   | 195      |                            |
| BWH              | A11 | 6,205,280       | 3/20/01  | Wagoner <i>et al.</i>    | 385   | 140      |                            |
| BWH              | A12 | 6,238,274       | 05/29/01 | Jameson                  | 451   | 41       |                            |
| BWH              | A13 | 6,301,426       | 10/09/01 | Jameson <i>et al.</i>    | 385   | 140      |                            |
| BWH              | A14 | 6,303,695       | 10/16/01 | Chan <i>et al.</i>       | 525   | 195      |                            |
| BWH              | A15 | 6,335,998       | 01/01/02 | Wagoner                  | 385   | 140      |                            |

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|     |    | Document Number | Date     | Country | Int'l Class | Int'l Subclass | Translation |    |
|-----|----|-----------------|----------|---------|-------------|----------------|-------------|----|
|     |    |                 |          |         |             |                | Yes         | No |
| BWH | BP | WO 00/49434     | 8/24/00  | PCT     | 385         | 140X           |             | ✓  |
| BWH | BQ | WO 00/49438     | 8/24/00  | PCT     | 385         | 11X            |             | ✓  |
| BWH | BR | WO 00/49439     | 8/24/00  | PCT     | 385         | 147X           |             | ✓  |
| BWH | BS | EP 0686 867 A1  | 12/13/95 | EP      | 385         | 11X            |             | ✓  |
|     |    |                 |          |         |             |                |             |    |

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|                   |    |   |
|-------------------|----|---|
| BWH               | CP | Leminger, O.G. and R. Zengerle, "Determination of Single-Mode Fiber Coupler Design Parameters from Loss Measurements," <i>IEEE J. Lightwave Techn.</i> , LT-3 (4), 864-867 (August 1985).   |
| BWH               | CQ | Pan, Ru-Pin <i>et al.</i> , "Voltage-Controlled Optical Fiber Coupler Using a Layer of a Low-Refractive-Index Liquid Crystal with Positive Dielectric Anisotropy," <i>Jpn. J. Appl. Phys.</i> 34, Part 1, No. 12A, 6410-6415 (Dec. 1995). |
| BWH               | CR | Parriaux, O. <i>et al.</i> , "Distributed Coupling on Polished Single-Mode Optical Fibers," <i>Appl. Opt.</i> 20, 2420-2423 (July 1981).  |
| BWH               | CS | Todd, D.A. <i>et al.</i> , "Polarization-Splitting Polished Fibre Optic Couplers," <i>Optical Engineering</i> 32 (9), 2077-2082 (September 1993).   |
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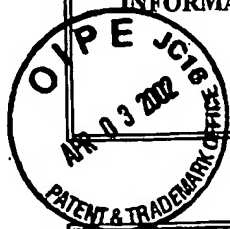
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**Filing Date:** Herewith

**GAU:**



## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Other Documents (including Author, Title, Date, etc.)**

| Other Documents (including foreign) |          |   |
|-------------------------------------|----------|---|
| BWA                                 | CT       | Marlow Industries, Inc., "Design Guide - Power Supplies" and "Frequently Asked Questions"<br><a href="http://www.marlow.com">www.marlow.com</a>   |
| BWA                                 | CU       | Technological Arts, Adapt912 Technical Specification Sheet (1999)   |
| BWA                                 | CV       | Chan <i>et al.</i> , "Dye-Appended Dispersion-Controlled Polymers for Broadband Fiber Optic Devices," pending:<br>U.S. Patent Application Serial No. 09/628,887 filed July 31, 2000.    |
| BWA                                 | CW       | Gordon <i>et al.</i> , "Single Channel Attenuators," pending U.S. Patent Application Serial No. 09/605,110, filed<br>June 28, 2000.   |
| BWA                                 | CX       | Wagoner <i>et al.</i> , "Controllable Fiber Optic Attenuators Employing Tapered and/or Etched Fiber Sections,"<br>pending U.S. Application Serial No. 09/539,469, filed March 30, 2000. |
| Examiner                            | B. Healy | Date Considered 2/20/04   |